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FILED/ACCEPTED

MAY 13 2008

Federal Communications Commission
Office of the Secretary

May 13, 2008

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street S.W.
Washington DC 20554

ORIGINAL

Re: **WT Docket No. 07-293; ID Docket No. 95-91;
GEN Docket No. 90-357; RM-8610
Ex Parte Statement**

Dear Ms. Dortch:

This is to report that yesterday Oakley Brooks, Bombardier Inc.; Audrey Allison, the Boeing Company; Daniel G. Jablonski, Johns Hopkins University Applied Physics Laboratory; and the undersigned, counsel for Aerospace and Flight Test Radio Coordinating Counsel ("AFTRCC"), met with Helen Domenici, Chief, International Bureau; Julius P. Knapp, Chief, Office of Engineering and Technology; Roderick K. Porter, Deputy Bureau Chief, International Bureau; Joel Taubenblatt, Acting Deputy Bureau Chief, Wireless Telecommunications Bureau; Thomas Derenge, Deputy Chief, Mobility Division, Wireless Telecommunications Bureau; Ira Keltz, Deputy Chief, Office of Engineering and Technology; and Robert Nelson, Chief, Satellite Division, International Bureau, regarding AFTRCC's position in the above-referenced proceedings. Representatives of Sirius Satellite Radio Inc. and XM Radio Inc. were also in attendance. The points made by AFTRCC during the course of the meeting are reflected in its earlier filings in the dockets. In addition, a copy of the document attached hereto was distributed to attendees.

A copy of this ex parte notification is being filed electronically for inclusion in the referenced dockets.

Sincerely,

No. of Copies rec'd   0
List A B C D E

William K. Keane

*Counsel for Aerospace and Flight Test
Radio Coordinating Council*

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cc: Helen Domenici
        Julius P. Knapp
        Roderick K. Porter
        Joel Taubenblatt
        Thomas Derenge
        Ira Keltz
        Robert Nelson
        Oakley Brooks
        Audrey Allison
        Dan Jablonski
        Paul Sinderbrand
        Mary O'Connor
        Doug Duet
        David Urban
        Jim O'Connor
        Kurt Schaubach
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        Henry Hultquist

For Decades ViaSat has been a leading supplier of high quality tracking antennas to the telemetry users of the world. Using our experience we have refined our products into simple, robust, and technically superior telemetry systems.

The Patented ESCAN tracking feed provides low sidelobes, high scanning rates, and superior multi-path resistance. We also produce conical scan and single channel monopulse tracking feeds to fit a wide range of requirements.

The series 13000 pedestal features patented bearing technology that combines long trouble free life with ease of service and maintenance. Pulse Width Modulated (PWM) servo power amplifiers are matched with brushless DC servo motors to assure long trouble free operation. These pedestals are in service around the world, some in extreme harsh environments providing daily service.

The heart of the control system is ViaSat's 3880 Antenna Control Unit (ACU). The 3880 is ViaSat's fourth generation ACU and provides unequalled performance for tracking systems. The 3880 provides for control, testing, and mission monitor (track files), far better than any previous control unit.

Telemetry Systems are available in fixed and mobile configurations as well as many size offerings (in addition to those listed here).
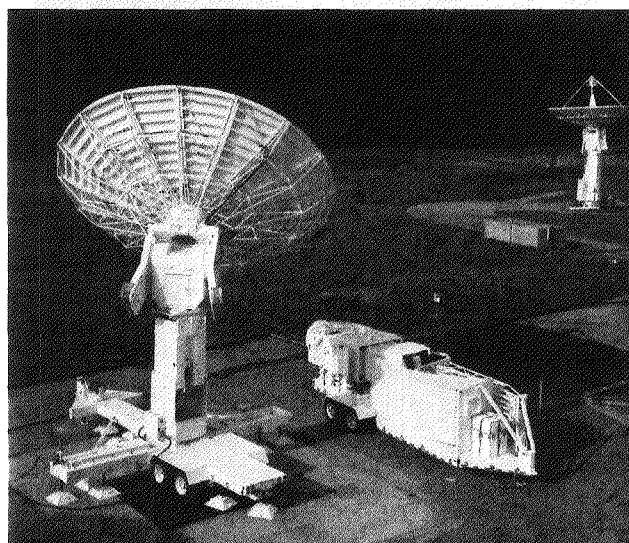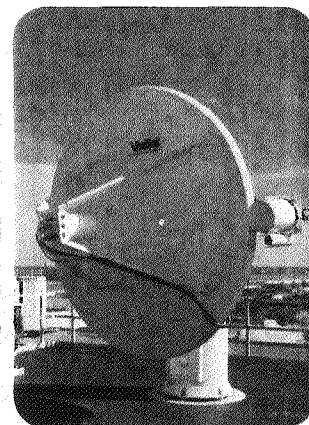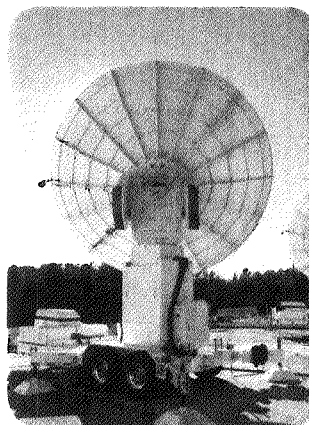
L- AND S-BAND RANGE TELEMETRY SYSTEMS AT-A-GLANCE

- A leading source for more than 40 years
- Highly multi-path resistant ESCAN feed
- High dynamics, high accuracy tracking pedestal
- Fourth generation touch screen antenna control unit
- Mobil e and fixed configurations
- Remote control

SPECIFICATIONS AND STANDARD ANTENNA SIZES

	1.8m	2.4m	3.0m	3.6m
Frequency [1]	1435 – 2300 MHz	1435 – 2300 MHz	1435 – 2300 MHz	1435 – 2300 MHz
Feed Type	ESCAN	ESCAN	ESCAN	ESCAN
Gain	28.5 dB @ 2300 MHz	31.0 dB @ 2300 MHz	33.0 dB @ 2300 MHz	35.0 dBi @ 2300 MHz
HPBW @ 2300 MHz	5.1° @ 2300 MHz	3.8° @ 2300 MHz	3.0° @ 2300 MHz	2.5° @ 2300 MHz
First Side Lobes	16 dB Below Peak	18 dB Below Peak	18 dB Below Peak	20 dB Below Peak
Polarization	LHC & RHC Sim	LHC & RHC Sim	LHC & RHC Sim	LHC & RHC Sim
Axial Ratio	2.0 dB Max at beam peak	2.0 dB Max at beam peak	2.0 dB Max at beam peak	2.0 dB Max at beam peak
Guaranteed G/T [2][3]	5.8 dB/K @ 2300 MHz	8.6 dB/K @ 2300 MHz	10.5 dB/K @ 2300 MHz	12.1 dB/K @ 2300 MHz

DYNAMICS

Velocity	30° sec
Acceleration	30° per sec^2
Azimuth Travel	+/- 375°
Elevation Travel	-10° to +110°

ENVIRONMENTAL

|	
Temperature	-30° to +70° C
Rain	Up to 5 inches per hour
Ice	0.5 inch Radial
Wind	Operate in 45 MPH, Stow in 120 MPH
Voltage/Frequency	120/208 VAC 50/60 Hz

OPTIONS

- Separate data and tracking channels for improved performance
- Dual drive pedestal
- Slip-rings and rotary joint for continuous azimuth rotation
- Transmit versions available in all frequency bands
- Video camera
- Alignment telescope
- Acquisition antenna
- Dual or selectable polarizations
- Larger reflector sizes as specifications may require
- 1435 to 2400 MHz frequency range

NOTES

[1] Wider Frequency coverage available please consult Factory.
[2] G /T at 20° Elevation, 23° C, 7.5 gr/m³ and under clear sky conditions.
[3] Separate Data and Tracking channels and other feed configurations with enhanced G/T performance are available as options.
[4] Above specifications are with one LNA and no Band Pass Filter.
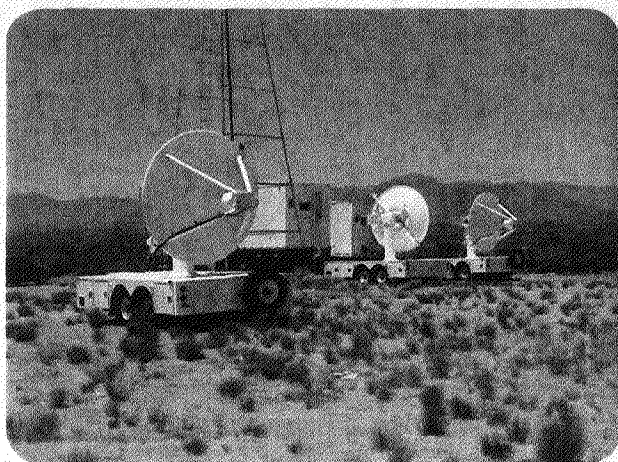
White Sands Missile Range
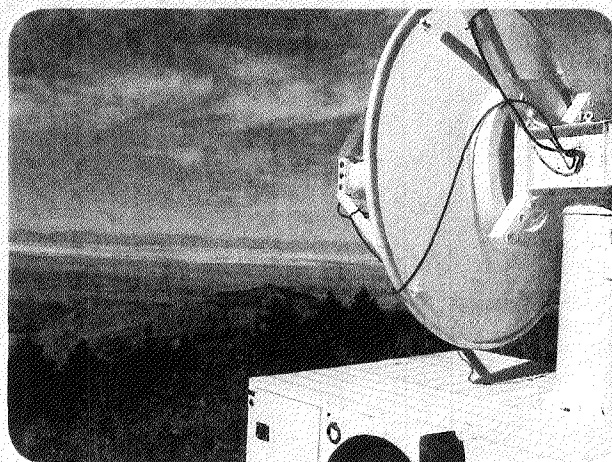
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